

Request for Quote
11-30-2012
BART Automatic License Plate Reader Pilot Project

3M, formerly PIPS Technology
804 Innovation Drive
Knoxville, TN 37932

PROJECT SUMMARY

The San Francisco Bay Area Rapid Transit District is seeking hardware, software, installation and configuration services related to an Automatic License Plate Reader (ALPR) Pilot Project. The Pilot Project will involve mounting ALPR cameras in two locations within a single BART parking lot. Each location will monitor 2 small lanes of parking lot traffic. The project is intended to provide license plate capture for all vehicles entering and exiting the target parking lot.

QUOTE COMPONENTS

Please use the table below to provide pricing for the ALPR, PIPS Technology listed below. In the absence of details for a given line, please just migrate the “Est. Price”, multiplied by quantity, to the “Total” column. For instance, under the line item, “On-Site Engineering Services”, if you are not already affiliated with PIPS and able to commission and activate the 3M products, you will need to contract with PIPS to perform this task.

Item	Description	Quantity	Est. Price (Each)	Discount %	Total
SPIKEPLET-810	(IR with Color Over View) P-392 Spike Cameras with Onboard Illumination and integrated processor with ALPR/OCR engine (with long hood). Includes support for the optional compact flash.	4	\$11,000.00	12%	\$38,720.00
SPIKEPLUS-CF-4GB	4 GB Module for Spike+	4	\$475.00	12%	\$1,672.00
PIPS-FIXEDBCKT	All in one camera mounting bracket assembly	4	\$650.00	12%	\$2,288.00
PIPS-SPIKELETBCKT	Adaptor Bracket for SpikeLet – includes adaptor bracket only for P392 SpikeLet Camera.	4	\$240.00	12%	\$844.80
X3921001 -2	NEMA 4 rated single camera interface/termination box with power supply lightning protection, 100' data/comm. Cable TWO CAMERA TERMINATION BOX.	2	\$1,200.00	12%	\$4,224.00
DIGI Transport WR44-4	Cellular Router 3G, 1 serial, 4 Ethernet port with Gobi chip. *BART is responsible for data plan	2	\$1,325.00	12%	\$2,332.00

BOSS-5	BOSS software, 5 concurrent user licenses. Back office system software for system administration, data analysis and data storage. Provides data mining and reporting, basic map functionality, remote alerting, and networking in support of inter-agency data sharing. *Connect to NCRC BOSS Server	1	\$2,250.00	15%	\$1,912.50
On-Site Engineering Services	Aiming and Commissioning of 4 3M cameras with connectivity to NCRC BOSS Server. Training and Setup Support. *See Terms Below	1	\$1,800.00	12%	\$1,584.00
Maintenance	OPTIONAL – P-392 EXTD MAINT – two years of extended maintenance for 4 cameras. First year maintenance included with purchase.	4	\$1,100.00	12%	\$3,872.00
Subtotal					\$57,449.30
Tax	8.75%				\$4,549.41
Freight					\$400.00
Total					\$62,398.711

GENERAL TERMS & CONDITIONS

BART is responsible for the following elements of the purchase/installation of the system including:

- Facilitating a site review by CONTRACTOR personnel and city Public Works representative
- Obtaining any required approvals for the installation of the fixed ALPR cameras on any poles adjacent to or over any road segments to be monitored or any overhead bridge structures on any public or private property including permits
- Any required lane closures for the installation of the fixed ALPR cameras, cabling and interface cabinets

- Provide a 120 volt power source that can be easily accessed to run electrical to each termination box
- Any drilling/holes for any light standard/gantries to recess any camera /power/data cabling
- Installation of fixed ALPR cameras, mounting brackets, termination boxes and cellular routers
- Providing an internet accessible Server/PC in the agency's office for hosting the BOSS software program
- All work proposed herein, including warranty and labor, shall be performed during normal business hours Monday through Friday 8:00 am – 5:00pm
- Providing cable conduit (if required by local code/ordinance) – highly recommended
- Payment of state sales tax and any other taxes associated with the purchase of the system
- BART to provide all static IP addresses and network connections for each ALPR camera
- Provision of data communication service for sending data from fixed ALPR cameras to the Back Office Software Server (BOSS)

CONTRACTOR to Provide:

- All cameras, termination boxes, communications equipment, mounting brackets and compact flash
- Configuration and alignment of the ALPR cameras once installed
- Configuration and test of the BOSS dispatch software
- User and Admin training

The following items are excluded from this price quotation:

- Return Trips to connect 120v sources
- Mast or installation of mast arm unless otherwise noted above
- Traffic control drawings
- Plan check fees
- Payment and performance bond
- CAD drawings
- Overtime
- Work not specifically referenced above

Receiving Product and Staging Location

BART is responsible to receive, store and protect all products intended for installation purposes, including, but not exclusively, camera equipment, cabinets, conduit, and installation materials. Risk of loss or damage for all such products shall pass to BART upon shipment by CONTRACTOR or any third party. Materials received in cardboard containers must be protected from all forms of precipitation. Additionally, BART is to provide a staging area of an appropriate size for installation contractors to work from and to store equipment overnight.

Permits

Permits and associated costs are the responsibility of BART.

Radio Frequency Interference

CONTRACTOR is not responsible for RF transmission and reception affected by system interference beyond its control.

Installation/Commissioning and Site Approval

Once installation has started at an approved site, BART is responsible for all additional costs incurred by CONTRACTOR for redeployment of resources if the work is stopped by BART or its agents, property owners, or as the result of any governmental authority or court order, or if it is determined that installation is not possible at the intended location, or the site is changed for any reason BART or at BART's direction or by a party under the BART's control.

Site Cleanup

Basic installation site cleanup includes installation debris removal, general site cleanup, and general leveling of affected soil within 30' of the sign structure.

Waste Disposal

BART is responsible for providing disposal of all packing materials including shipping skids and containers.

Cellular Service

Provision of cellular service will be the responsibility of BART. BART must contract with Verizon, AT&T or Sprint. BART will be required to provide CONTRACTOR with an activated SIM card when required for each cellular modem prior to the execution of the project. Provision of the SIM cards after the NEMA termination enclosures have been installed will require a return visit to each enclosure location and will constitute a change order.

Network/Communications Terms

CONTRACTOR is not responsible for telecommunications, infrastructure or timely delivery of data provided by our equipment. All equipment provided by CONTRACTOR is guaranteed to produce data for every plate detected and transmit that package of data via TCP/IP only when the destination server is reachable. In the event the destination server is not available due to, for example, server or infrastructure outage or latency associated with network infrastructure, poor communications cable plant, oversaturation of bandwidth or improperly configured network infrastructure data from CONTRACTOR equipment is not guaranteed to be delivered to the server.

Work Hours

All engineering services quoted are based on the ability to work outdoors in traffic areas during daytime hours of normal lane closures from 8 AM to 5 PM Monday through Friday. Work restrictions or limitations imposed by BART or its agents may result in additional charges being assessed to BART for services and may affect any project completion schedule.

Safety Requirements & Compliance

CONTRACTOR requires that all subcontractors and their employees follow applicable laws and regulations pertaining to all work performed, equipment utilized and personal protective gear common to electrical and construction site work performed in the installation of CONTRACTOR equipment. Additional safety compliance requirements by BART may result in additional charges assessed to BART for the time and expenses required to comply with the additional requirements.

Project Delays

CONTRACTOR shall not be liable in any regard for delivery or installation delays or any failure to perform its obligations under this Agreement resulting directly or indirectly from change order processing, acts or

failure to act by BART, unresponsive inspectors, utility companies and any other causes beyond the direct control of CONTRACTOR, including acts of God, weather, local disasters of any type, civil or military authority, fires, war, riot, delays in transportation, lack of or inability to obtain raw materials, components, labor, fuel or supplies, or other circumstances beyond CONTRACTOR's reasonable control, whether similar or dissimilar to the foregoing.

WARRANTY

All CONTRACTOR equipment hardware and software is covered by a one-year parts and labor warranty. Maintenance agreements are available for the system and begin after the original one-year warranty expires. These agreements supply you with upgrades and improvements to 3M OCR engine for enhanced plate detection capabilities and software upgrades and all hardware sold by CONTRACTOR.

ALPR Pilot Project Manager

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